

Franzell

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Line 738

2-14-69

TAS 3065A-14

T. H. 36

T.H. 51 TO T.H. 35E

S.P. 6212

FEB. 1969

OFFICE OF
TRANSPORTATION SYSTEM PLANNING

MINNESOTA HIGHWAY DEPARTMENT

DEPARTMENT HIGHWAY

Office Memorandum

TO : Paul G. Velz
Road Design Engineer

FROM : Leon F. Bergmann, Chief
Traffic Analysis Section

SUBJECT: TH 36, TH 51 to TH 35E
SP 6212
TAS 3065A-14

DATE: February 18, 1969

The Traffic Analysis Section transmits this report in response to K. McRae's December 18, 1968 request for the 1985 ADT, DHV, and HCADT for the project location shown on the map on page 2.

The estimated 1985 ADT volumes are shown on the map on page 3.

For each segment numbered on the map on page 3, the following data are tabulated on pages 4-7:

- (a) Total ADT
- (b) Vehicle Type Distribution
- (c) Total HCADT

Segment 35, with a 1985 ADT of 61000, has the highest 1985 ADT for any section on the project section of TH 36. This section has a 1968 ADT of 31000 vehicles.

The basic data, method and assumptions used to prepare this report are presented on page 8.

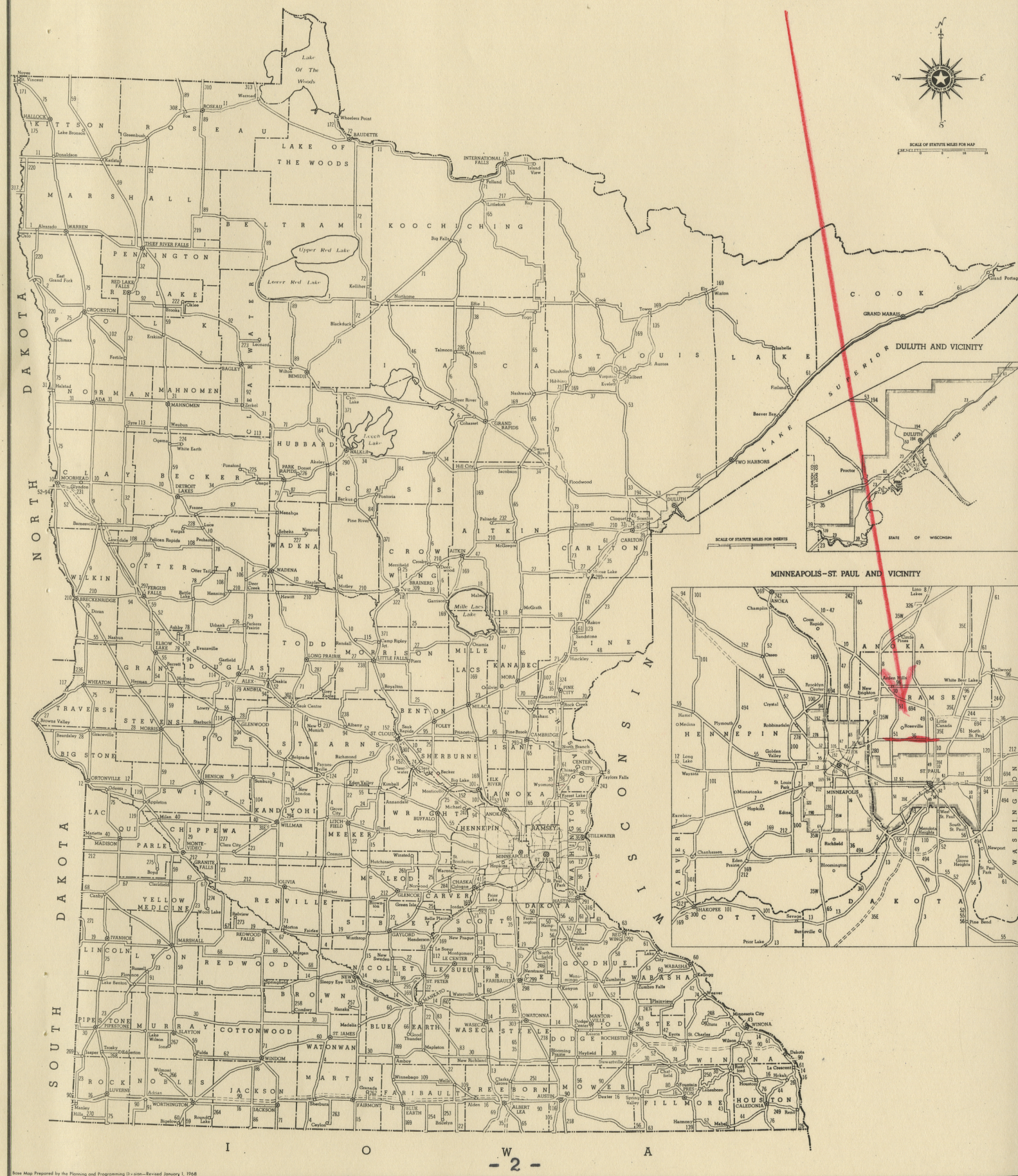
Leon Bergmann
Leon F. Bergmann, Chief
Traffic Analysis Section

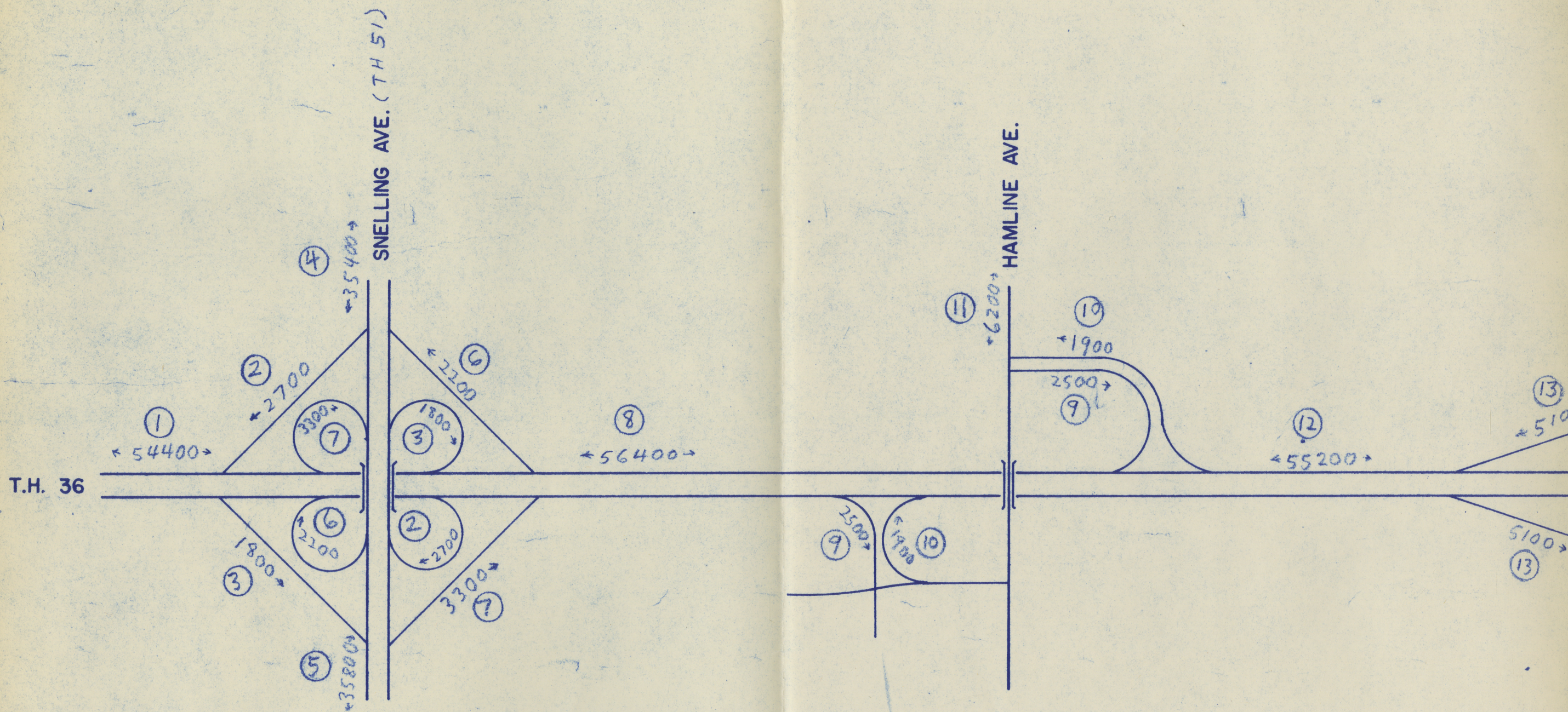
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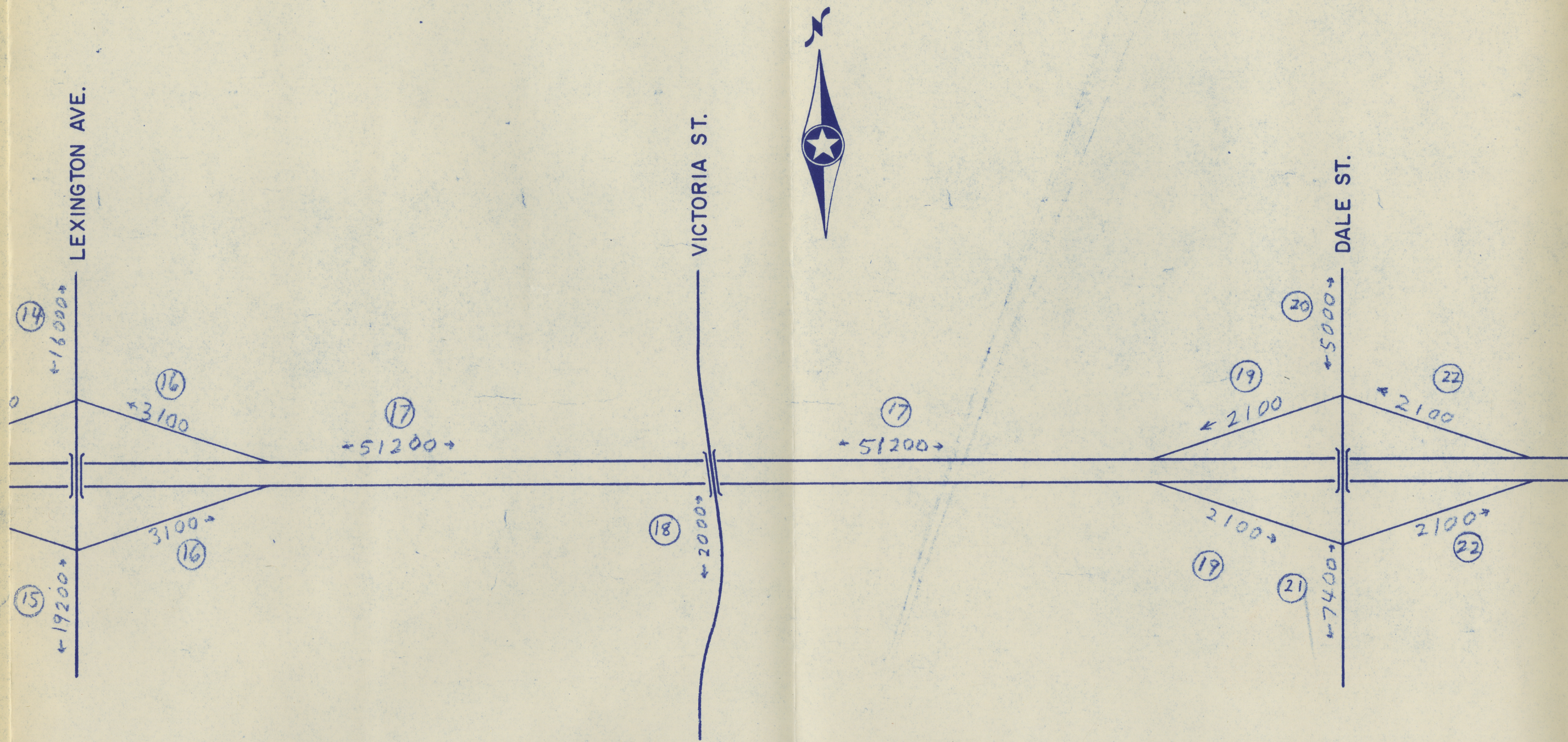
STATE OF MINNESOTA
DEPARTMENT OF HIGHWAYS
WORK MAP

Project Location

SP 6212







TAS 3065A-14
February, 1969

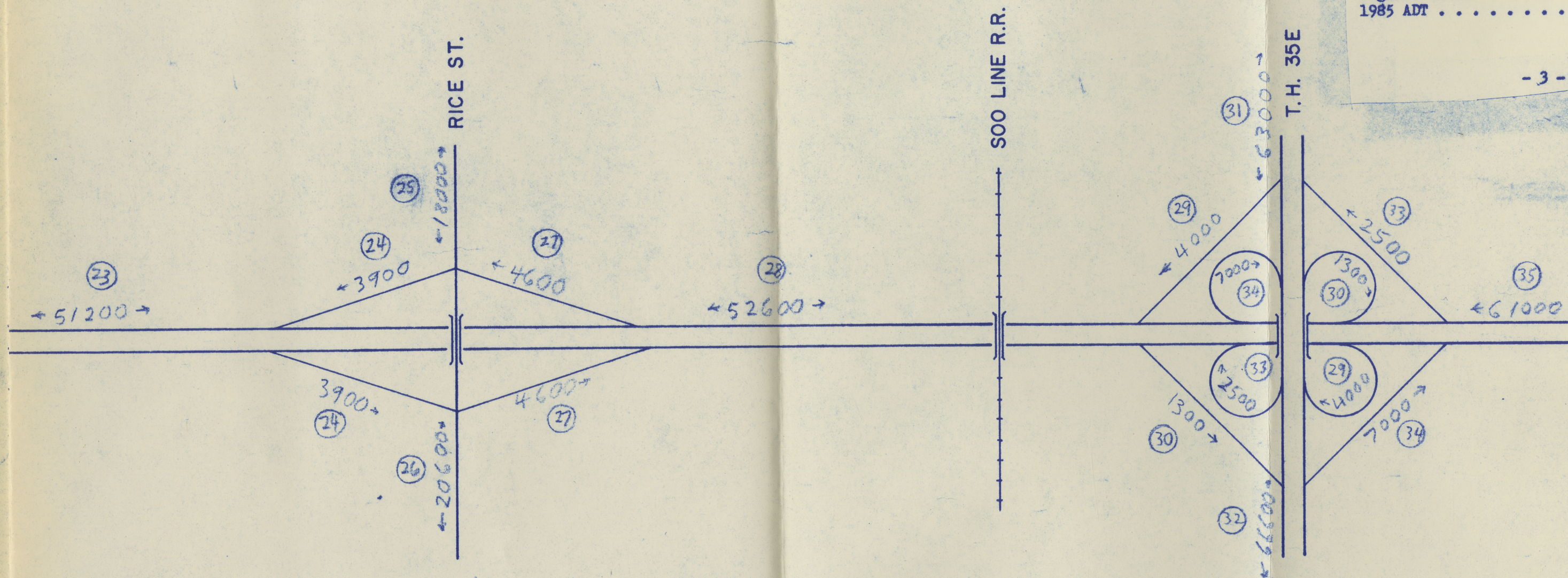
TH 36
SP 6212

TH 51 to TH 35E

LEGEND

Segment Number (35)
1985 ADT 61000

- 3 -



TRAFFIC ESTIMATE DATA

DESIGN YEAR 1985 PART 1 OF 4

FOR

T.H. 36 S.P. 6212 LENGTH - MILES
COUNTY Ramsey LOCATION TH 51 to TH 35E

BASED ON

1985 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 1 THROUGH 11 AS
DEFINED ON ATTACHED INDEX MAP

VEHICLE # TYPE	SEGMENT NUMBER										
	1	2	3	4	5	6	7	8	9	10	11
0	51017	2523	1704	33419	33951	2077	3162	53041	2314	1802	5860
1	1281	65	42	856	808	56	55	1289	131	62	228
2	344	20	9	196	180	10	13	332	5	4	12
3	163	13	5	121	107	7	8	157	5	4	14
4	424	23	7	151	121	8	9	398	3	1	2
5	903	43	23	475	449	30	37	905	3	-	5
6	268	13	10	182	184	12	16	278	39	27	79
TOTAL ADT	54400	2700	1800	35400	35800	2200	3300	56400	2500	1900	6200
TOTAL H. COMM. ADT	3383	177	96	1981	1849	123	138	3359	186	98	340
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

* VEHICLE TYPE CODE

0 = PASSENGER CARS AND 4 TIRE TRUCKS
 1 = SINGLE UNIT-2 AXLE-6 TIRE TRUCKS
 2 = SINGLE UNIT-3 AXLE TRUCKS
 3 = TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES
 4 = TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES
 5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES
 6 = BUSES AND TRUCKS WITH TRAILERS

TRAFFIC ESTIMATE DATA

DESIGN YEAR 1985 PART 2 OF 4

FOR

T.H. 36 S.P. 6212 LENGTH - MILES
COUNTY Ramsey LOCATION TH 51 to TH 35E

BASED ON

1985 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 12 THROUGH 22 AS
DEFINED ON ATTACHED INDEX MAP

VEHICLE # TYPE	SEGMENT NUMBER										
	12	13	14	15	16	17	18	19	20	21	22
0	52017	4772	15179	18203	2974	48421	1895	1994	4769	7056	2010
1	1151	131	367	437	50	989	47	43	103	154	46
2	330	48	159	185	19	272	20	15	44	58	9
3	155	20	62	73	8	131	8	6	18	24	4
4	394	33	55	73	12	352	7	10	15	24	5
5	899	62	69	102	24	823	9	21	20	39	12
6	254	34	109	127	13	212	14	11	31	45	14
TOTAL ADT	55200	5100	16000	19200	3100	51200	2000	2100	5000	7400	2100
TOTAL H. COMM. ADT	3183	328	821	997	126	2779	105	106	231	344	90
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

* VEHICLE TYPE CODE

0 = PASSENGER CARS AND 4 TIRE TRUCKS
 1 = SINGLE UNIT-2 AXLE-6 TIRE TRUCKS
 2 = SINGLE UNIT-3 AXLE TRUCKS
 3 = TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES
 4 = TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES
 5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES
 6 = BUSES AND TRUCKS WITH TRAILERS

TRAFFIC ESTIMATE DATA

DESIGN YEAR 1985 PART 3 OF 4

FOR

T.H. 36 S.P. 6212 LENGTH - MILES
COUNTY Ramsey LOCATION TH 51 to TH 35E

BASED ON

1985 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 23 THROUGH 33 AS

DEFINED ON ATTACHED INDEX MAP

VEHICLE # TYPE	SEGMENT NUMBER										
	23	24	25	26	27	28	29	30	31	32	33
0	48453	3621	16986	19441	4402	50015	3794	1234	59614	63054	2371
1	995	161	595	680	117	907	64	21	940	1000	40
2	260	44	142	165	32	236	32	10	707	735	20
3	127	4	21	23	3	125	9	3	129	135	6
4	342	8	24	28	5	336	20	6	219	235	13
5	805	18	62	71	13	795	68	22	1185	1245	42
6	218	44	170	192	28	186	13	4	186	196	8
TOTAL ADT	51200	3900	18000	20600	4600	52600	4000	1300	63000	66600	2500
TOTAL H. COMM. ADT	2747	279	1014	1159	198	2585	206	66	3386	3546	129
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

* VEHICLE TYPE CODE

0 = PASSENGER CARS AND 4 TIRE TRUCKS
 1 = SINGLE UNIT-2 AXLE-6 TIRE TRUCKS
 2 = SINGLE UNIT-3 AXLE TRUCKS
 3 = TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES
 4 = TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES
 5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES
 6 = BUSES AND TRUCKS WITH TRAILERS

TRAFFIC ESTIMATE DATA

DESIGN YEAR 1985 PART 4 OF 4

FOR

T.H. 36 S.P. 6212 LENGTH - MILES
COUNTY Ramsey LOCATION TH 51 to TH 35E

BASED ON

1985 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 34 THROUGH 35 AS

DEFINED ON ATTACHED INDEX MAP

VEHICLE # TYPE	SEGMENT NUMBER									
	34	35								
0	6641	57983								
1	113	1043								
2	56	304								
3	15	143								
4	35	380								
5	118	935								
6	22	212								
TOTAL ADT	7000	61000								
TOTAL H. COMM. ADT	359	3017								
TOTAL DHV										
DIRECTIONAL DISTRIBUTION										

* VEHICLE TYPE CODE

0 = PASSENGER CARS AND 4 TIRE TRUCKS
 1 = SINGLE UNIT-2 AXLE-6 TIRE TRUCKS
 2 = SINGLE UNIT-3 AXLE TRUCKS
 3 = TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES
 4 = TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES
 5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES
 6 = BUSES AND TRUCKS WITH TRAILERS

Basic Data, Method, And Assumptions

The 1985 ADT and DHV are transmitted in TAS 640-14 on January 24, 1969.

The 1985 HCADT total is from the System "14" Heavy Truck ADT Study. Vehicle type distributions are based on vehicle classification counts recorded in the study area.

Traffic volumes reflect the influence of the Proposed Allied Stores Shopping Center and the Mid-City Industrial Center. Traffic volumes for 1990 may be obtained by expanding the enclosed 1985 volumes by approximately 15 percent.